

ABSTRACT OF THE DISCLOSURE

Network interconnection apparatus and method  
5 capable of efficiently guaranteeing optimum QoS suited to  
the status of actual traffic and network, whereby high-  
performance network interconnection is achieved without  
entailing lost calls. Routing information managing means  
manages routing information of an ATM network, and  
10 statistical information managing means manages statistical  
information on the traffic of a LAN. QoS setting means sets  
QoS which the ATM network ought to guarantee, based on the  
statistical information, and QoS guarantee determining means  
determines based on the routing information whether or not  
15 the set QoS can be guaranteed. If it is judged that the QoS  
cannot be guaranteed, QoS adjusting means adjusts the QoS so  
that the QoS can be guaranteed. Call connection control  
means connects call according to the QoS which can be  
guaranteed.

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